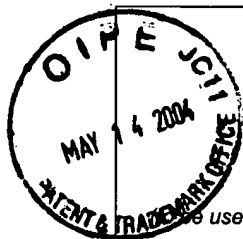


Please type a plus sign (+) inside this box→ ☐

PTO/SB/21 (04-03)

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## TRANSMITTAL FORM

Use used for all correspondence after initial filing)

Application Number	10/725,020
Filing Date	December 1, 2003
First Named Inventor	Patricia A. Miller
Group Art Unit	2858
Examiner Name	
Total Number of Pages in this Submission	5
Attorney Docket Number	03-0640.01

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Post Card
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

### REMARKS

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Charles R Ducker, Jr. Registration No. 46, 542
Signature	Charles R Ducker Jr
Date	5/11/04

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO BOX 1450 Alexandria, VA 22313-1450 on this date:

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Practitioner's Docket Number: 03-0640.01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Patricia A. Miller

Serial No.: 10/725,020

Filed: December 1, 2003

For: **Bridge Damage Detection System and Method**

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§  
§  
§  
§  
§  
§

Group Art Unit: 2858  
Examiner:

**INFORMATION DISCLOSURE STATEMENT**

**PURSUANT TO 37 C.F.R. § 1.97 and § 1.98**

Commissioner for Patents  
PO Box 1450  
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**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))**

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Charles R. Ducker, Jr.  
Signature

Charles R. Ducker, Jr.  
(type or print name of person certifying)

Sir:

This information disclosure statement is being filed before the mailing date of a first Office action on the merits (37 C.F.R. § 1.97(b)).

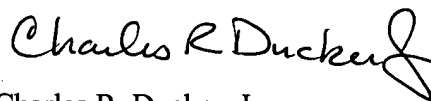
Listed on the accompanying form PTO/SB/08B are a number of documents which may be considered material to the examination of this application.

The filing of this information disclosure statement should not be construed to be an admission that the information cited in this statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Moreover, Applicant(s) reserves the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as references, or to prove that some of these documents may not be enabling for the teachings they purport to offer.

This statement should not be construed as a representation that a search has been made, or that there does not exist information more material to the examination of the present application. The Examiner is specifically requested not to rely solely on the materials submitted herewith. Instead the Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is respectfully requested that the Examiner initial and return a copy of enclosed PTO/SB/08B and to similarly indicate in the official file wrapper of this patent application that the documents have been considered.

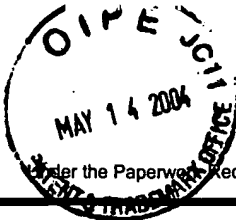
Respectfully submitted,



Charles R. Ducker, Jr.  
Registration No. 46,542  
May 10, 2004  
11

LANIER FORD SHAVER & PAYNE P.C.  
Customer No. 021491  
200 West Side Square, Suite 5000  
P.O. Box 2087  
Huntsville, AL 35804  
(256) 535-1100

***Practitioner's Docket Number: 03-0640.01***



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				Application Number	10/725,020
				Filing Date	December 1, 2003
				First Named Inventor	Patricia A. Miller
				Group Art Unit	2858
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	03-0640.01

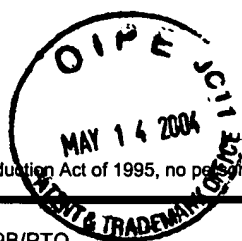
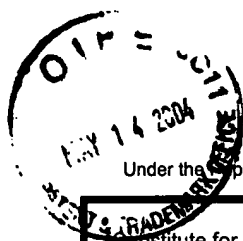
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	ETI Model SIT-6E Pavement-Mounted Sensor found at <a href="http://www.heatersplus.com/sit-6e.htm">http://www.heatersplus.com/sit-6e.htm</a> on 10/21/2003	
	2	Snow and Ice Melting, EasyHeat® Snow Melting Cable Mats & ETI Snow and Ice Melting Controls and Sensors found at <a href="http://www.heatersplus.com/snowice.htm">http://www.heatersplus.com/snowice.htm</a> on 10/21/2003	
	3	IceSight ® found at <a href="http://www.idiny.com/icesight.htm">http://www.idiny.com/icesight.htm</a> on 10/21/2003	
	4	Sabine River Authority Flood Warning Devices Equipment Packages found at <a href="http://www.jeng.com/texas/web/beaumont/e/eqp166.htm">http://www.jeng.com/texas/web/beaumont/e/eqp166.htm</a> on 10/5/2003	
	5	VISTA-50P/VISTA-50PUL found at <a href="http://www.ADEMCO.com">http://www.ADEMCO.com</a> , 2/2002	
	6	Uplink <sup>SM</sup> DigiCell <sup>TM</sup> 1620 Universal Alarm Transceiver found at <a href="http://www.nmr.com/u_1650.asp">http://www.nmr.com/u_1650.asp</a> on 10/7/2003	
	7	Nera WorldPhone found at <a href="http://www.nera.no/3CE4017B9889ED11C1256A30005B84B1.htm">http://www.nera.no/3CE4017B9889ED11C1256A30005B84B1.htm</a> On 10/7/03	
	8	Cellular Modem found at <a href="http://www.wanco.com">www.wanco.com</a> page 9	
	9	RFL Electronics, Inc. "South Carolina Department of Transportation Fog Detection System for The Cooper River Bridge." Found at <a href="http://www.rflelect.com/fogdetect.html">http://www.rflelect.com/fogdetect.html</a> on 10/21/2003	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (04-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 1 of 2				<b>Complete if Known</b>	
				Application Number	10/725,020
				Filing Date	December 1, 2003
				First Named Inventor	Patricia A. Miller
				Group Art Unit	2858
				Examiner Name	
				Attorney Docket Number	03-0640.01

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	10	TOON, JOHN, "Fog Detector Alerts Motorist; Using computers, distant officials can assess hazardous fog conditions.", Winter '95, <u>Alumni Magazine</u> , found at <a href="http://gtalumni.org/news/magazine/win95/fog.html">http://gtalumni.org/news/magazine/win95/fog.html</a> on 10/21/2003	
	11	R-1630 Reecom NOAA Weather Radio found at <a href="http://www.WeatherAlertStore.com/product.asp?ProductID+9952&amp;DepartmentID=656">http://www.WeatherAlertStore.com/product.asp?ProductID+9952&amp;DepartmentID=656</a> on 10/1/2003	
	12	Intelligent Transportation Society, Rocky Mountain Chapter, "Bridges" Bridge Ice Warming System found at <a href="http://www.itsrm.org/bridges.htm">http://www.itsrm.org/bridges.htm</a> on 10/21/2003	
	13	Atlantic Solar Products, found at <a href="http://www.atlanticsolar.com/products.htm">http://www.atlanticsolar.com/products.htm</a> on 10/16/2003	

Examiner Signature		Date Considered	
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